Notice of Allowability	Application No. 09/898,978		Applicant(s) BOWER, FRED A.	
	Examiner Lilian Vo		Art Unit 2195	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *6/15/07*.

2. ☒ The allowed claim(s) is/are *1 - 3, 9 - 12, 18, 19 and 24 - 26 now renumbered as 1 - 12*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None of the:

      1. ☐ Certified copies of the priority documents have been received.

      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

      3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

      1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____ .

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☒ Interview Summary (PTO-413), Paper No./Mail Date *7/19/07* .

7. ☒ Examiner's Amendment/Comment

8. ☐ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

MENG-AI T. AN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

Lilian Vo
Examiner
Art Unit: 2195

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EXAMINER'S AMENDMENT

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1.   An examiner's amendment to the record appears below. Should the changes and/or

additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR

1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the

payment of the issue fee.

2.   Authorization for this examiner's amendment was given in a telephone interview with

Mrs. Rochelle Liberman on 7/19/07.

3.   The application has been amended as follows:

In the Specification:

i)   Page 3, line 10 – 11: replace "signal bearing", -- data storage --;

In the Claims:

i)   **Delete claims 4 – 8, 13 – 17 and 20 – 23**

ii)   **Replace claim 1**

·   Claim 1 (Currently Amended) A computer implemented method for managing

tasks comprising:

        a message manager operating at a high priority level receiving a message

        from a remote administrator within system firmware to launch a low priority task;

said message manager placing a message in a data structure shared between said message manager and a task manager operating at a low priority level;

said message manager communicating said low priority task to said task manager through said data structure, wherein the step of communicating said low priority task to said task manager includes setting a flag for signaling receipt of said message and said task manager reading said message in said data structure and launching said low priority task in response to said flag;

launching said low priority task received from said message manager in response to receipt of said message and absent a suspension selected from the group consisting of: a system interrupt and a pause in a higher level task operation; and

resetting said flag following launch of said low priority task.

iii)   **Replace claim 9**

Claim 9 (Currently Amended) The method of claim 1, wherein said message manager maintains a level of operation.

iv)   **Replace claim 10**

Claim 10 (Currently Amended)   A computer system comprising:
a remote administrator located in firmware;
a set of resources loaded in said firmware and in communication with said remote administrator, said resources comprising:
a message manager operating at a high priority level to receive a message from said administrator to launch a low priority level task;
a task manager operating at a low priority level to launch said low priority level task;

a data structure to store said message shared between said message manager and said task manager to facilitate communication between said message manager and said task manager;

said message manager to communicate said low priority level task to said task manager through said data structure;

said task manager to launch said low priority level task received from said message manager in response to receipt of said message in said data structure and absent a suspension selected from the group consisting of a system interrupt and a pause in a higher level task operation;

a flag to indicate to said task manager receipt of said message in said data structure, wherein said task manager reads said message in said data structure and launches said low priority level task in response to said flag, and wherein said task manager resets said flag following launch of said low priority level task.

v)   **Replace claim 18**

Claim 18 (Currently Amended) The computer system of claim 10, wherein said message manager maintains a level of operation.

vi)   **Replace claim 19**

Claim 19 (Currently Amended) An article comprising:

a computer-readable recordable data storage medium;

means in the medium for receiving a message from a remote administrator within system firmware to launch a low priority level task, wherein receipt of said message is by a message manager operating at a high priority level;

means in the medium for storing said message in a data structure shared between said message manager and a task manager operating at a low priority level;

means in the medium for communicating said low priority level task to said task manager through said data structure, including setting a flag to signal receipt of said message and said task manager reading said message in said data structure and launching said low priority level task in response to said flag, including means in the medium for launching a said low priority level task received from said message manager in response to receipt of said message and absent a suspension selected from the group consisting of: a system interrupt and a pause in a higher level task operation, wherein said task manager resets said flag following launch of said low priority level task.

vii)   **Replace claim 24**

Claim 24 (Currently Amended) The article of claim 19, further comprising means in the medium for said message manager to maintain a level of operation at said high priority level.

viii)   **Replace claim 25**

Claim 25 (Currently Amended) A computer implemented method comprising:

receiving a message from a remote administrator within system firmware to launch a low priority level task, wherein receipt of said message is by a message manager operating at a higher priority level than said low priority level task;

storing said message in a data structure shared between said message manager and a task manager operating at a low priority level;

communicating said low priority level task to said task manager through said data structure;

setting a flag to indicate receipt of said message in said data structure to said task manager;

reading said message in said data structure and launching said low priority

level task in response to said flag by said task manager including said task

manager launching said low priority level task received from said message

manager in response to said message and absent a suspension selected from the

group consisting of: a system interrupt and a pause in a higher level task

operation; and

resetting said flag following launch of said low priority level task.

xi)   **Replace claim 26**

Claim 26 (Currently Amended) The method of claim 25, further comprising said

message manager maintaining a level of operation.

4.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Lilian Vo whose telephone number is 571-272-3774. The

examiner can normally be reached on Thursday 8am - 5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Meng-Ai An can be reached on 571-272-3756. The fax phone number for the

organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would

like assistance from a USPTO Customer Service Representative or access to the automated

information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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lv
July 19, 2007

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